

Jin-Wook Yoo

List of Publications by Year in descending order

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99
papers

5,404
citations

109321

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85541

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102
all docs

102
docs citations

102
times ranked

8275
citing authors

#	ARTICLE	IF	CITATIONS
1	Dapsone Azo-Linked with Two Mesalazine Moieties Is a Me-Better Alternative to Sulfasalazine. <i>Pharmaceutics</i> , 2022, 14, 684.	4.5	3
2	Modulation of Intestinal Epithelial Permeability via Protease-Activated Receptor-2-Induced Autophagy. <i>Cells</i> , 2022, 11, 878.	4.1	7
3	Nitric Oxide-Releasing Bacterial Cellulose/Chitosan Crosslinked Hydrogels for the Treatment of Polymicrobial Wound Infections. <i>Pharmaceutics</i> , 2022, 14, 22.	4.5	13
4	Cerebral angiography using transauricular access in a rabbit model: a new technique. <i>Acta Radiologica</i> , 2021, 62, 113-119.	1.1	1
5	Design and evaluation of IKK-activated GSK3 ^{Î²} inhibitory peptide as an inflammation-responsive anti-colitic therapeutic. <i>Biomaterials Science</i> , 2021, 9, 6584-6596.	5.4	3
6	Preparation and Evaluation of Colon-Targeted Prodrugs of the Microbial Metabolite 3-Indolepropionic Acid as an Anticolitic Agent. <i>Molecular Pharmaceutics</i> , 2021, 18, 1730-1741.	4.6	13
7	Discovery and optimization of novel 3-benzyl-N-phenyl-1H-pyrazole-5-carboxamides as bifunctional antidiabetic agents stimulating both insulin secretion and glucose uptake. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113325.	5.5	12
8	Tumor-Penetrable Nitric Oxide-Releasing Nanoparticles Potentiate Local Antimelanoma Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30383-30396.	8.0	13
9	Development of clindamycin-loaded alginate/pectin/hyaluronic acid composite hydrogel film for the treatment of MRSA-infected wounds. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 597-610.	5.3	27
10	Novel Anti-Melanogenic Compounds, (Z)-5-(Substituted Benzylidene)-4-thioxothiazolidin-2-one Derivatives: In Vitro and In Silico Insights. <i>Molecules</i> , 2021, 26, 4963.	3.8	6
11	pH-Responsive Alginate-Based Microparticles for Colon-Targeted Delivery of Pure Cyclosporine A Crystals to Treat Ulcerative Colitis. <i>Pharmaceutics</i> , 2021, 13, 1412.	4.5	18
12	Diethylenetriamine/NONOate-doped alginate hydrogel with sustained nitric oxide release and minimal toxicity to accelerate healing of MRSA-infected wounds. <i>Carbohydrate Polymers</i> , 2021, 270, 118387.	10.2	37
13	Exfoliated bentonite/alginate nanocomposite hydrogel enhances intestinal delivery of probiotics by resistance to gastric pH and on-demand disintegration. <i>Carbohydrate Polymers</i> , 2021, 272, 118462.	10.2	44
14	Electrophilic Chemistry of Tranilast Is Involved in Its Anti-Colitic Activity via Nrf2-HO-1 Pathway Activation. <i>Pharmaceutics</i> , 2021, 14, 1092.	3.8	3
15	Chitosan-based nitric oxide-releasing dressing for anti-biofilm and in vivo healing activities in MRSA biofilm-infected wounds. <i>International Journal of Biological Macromolecules</i> , 2020, 142, 680-692.	7.5	79
16	5-Aminosalicylic Acid Azo-Coupled with a GPR109A Agonist Is a Colon-Targeted Anticolitic Codrug with a Reduced Risk of Skin Toxicity. <i>Molecular Pharmaceutics</i> , 2020, 17, 167-179.	4.6	14
17	Stabilizing Coacervate by Microfluidic Engulfment Induced by Controlled Interfacial Energy. <i>Biomacromolecules</i> , 2020, 21, 930-938.	5.4	5
18	Nitric Oxide-Releasing Thermo-responsive Pluronic F127/Alginate Hydrogel for Enhanced Antibacterial Activity and Accelerated Healing of Infected Wounds. <i>Pharmaceutics</i> , 2020, 12, 926.	4.5	32

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19	Colitis-targeted hybrid nanoparticles-in-microparticles system for the treatment of ulcerative colitis. <i>Acta Biomaterialia</i> , 2020, 116, 368-382.	8.3	44
20	Recent advances of nanocellulose in drug delivery systems. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 553-572.	5.3	69
21	Nitric Oxide-Releasing S-Nitrosoglutathione-Conjugated Poly(Lactic-Co-Glycolic Acid) Nanoparticles for the Treatment of MRSA-Infected Cutaneous Wounds. <i>Pharmaceutics</i> , 2020, 12, 618.	4.5	38
22	Curcumin Nanocrystal/pH-Responsive Polyelectrolyte Multilayer Core-Shell Nanoparticles for Inflammation-Targeted Alleviation of Ulcerative Colitis. <i>Biomacromolecules</i> , 2020, 21, 3571-3581.	5.4	64
23	Enhanced Viability of Probiotics against Gastric Acid by One-Step Coating Process with Poly-L-Lysine: In Vitro and In Vivo Evaluation. <i>Pharmaceutics</i> , 2020, 12, 662.	4.5	11
24	A Colon-Targeted Prodrug, 4-Phenylbutyric Acid-Glutamic Acid Conjugate, Ameliorates 2,4-Dinitrobenzenesulfonic Acid-Induced Colitis in Rats. <i>Pharmaceutics</i> , 2020, 12, 843.	4.5	12
25	miR-23a-3p is a Key Regulator of IL-17C-Induced Tumor Angiogenesis in Colorectal Cancer. <i>Cells</i> , 2020, 9, 1363.	4.1	26
26	In vitro and in vivo evaluation of a novel nitric oxide-releasing ointment for the treatment of methicillin-resistant <i>Staphylococcus aureus</i> -infected wounds. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 505-512.	5.3	21
27	Advances in colon-targeted nano-drug delivery systems: challenges and solutions. <i>Archives of Pharmacal Research</i> , 2020, 43, 153-169.	6.3	130
28	A colon-specific prodrug of metoclopramide ameliorates colitis in an experimental rat model. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 231-242.	4.3	7
29	Pharmacokinetic Evaluation of Metabolic Drug Interactions between Repaglinide and Celecoxib by a Bioanalytical HPLC Method for Their Simultaneous Determination with Fluorescence Detection. <i>Pharmaceutics</i> , 2019, 11, 382.	4.5	14
30	Colon-Targeted Delivery Facilitates the Therapeutic Switching of Sofalcone, a Gastroprotective Agent, to an Anticolitic Drug via Nrf2 Activation. <i>Molecular Pharmaceutics</i> , 2019, 16, 4007-4016.	4.6	10
31	Sofalcone, a gastroprotective drug, covalently binds to KEAP1 to activate Nrf2 resulting in anti-colitic activity. <i>European Journal of Pharmacology</i> , 2019, 865, 172722.	3.5	17
32	Pro-apoptotic effect of the novel benzylidene derivative MHY695 in human colon cancer cells. <i>Oncology Letters</i> , 2019, 18, 3256-3264.	1.8	3
33	Transcriptomic Identification and Biochemical Characterization of HmpA, a Nitric Oxide Dioxygenase, Essential for Pathogenesis of <i>Vibrio vulnificus</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2208.	3.5	9
34	In Situ Hydrogel-Forming/Nitric Oxide-Releasing Wound Dressing for Enhanced Antibacterial Activity and Healing in Mice with Infected Wounds. <i>Pharmaceutics</i> , 2019, 11, 496.	4.5	48
35	Burkholderia gut symbiont modulates titer of specific juvenile hormone in the bean bug <i>Riptortus pedestris</i> . <i>Developmental and Comparative Immunology</i> , 2019, 99, 103399.	2.3	25
36	Bacteria-Targeted Clindamycin Loaded Polymeric Nanoparticles: Effect of Surface Charge on Nanoparticle Adhesion to MRSA, Antibacterial Activity, and Wound Healing. <i>Pharmaceutics</i> , 2019, 11, 236.	4.5	65

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37	PEI/NONOates-doped PLGA nanoparticles for eradicating methicillin-resistant <i>Staphylococcus aureus</i> biofilm in diabetic wounds via binding to the biofilm matrix. <i>Materials Science and Engineering C</i> , 2019, 103, 109741.	7.3	66
38	Conjugation of Amisulpride, an Anti-Psychotic Agent, with 5-Aminosalicylic Acid via an Azo Bond Yields an Orally Active Mutual Prodrug against Rat Colitis. <i>Pharmaceutics</i> , 2019, 11, 585.	4.5	7
39	Development of a Resveratrol Nanosuspension Using the Antisolvent Precipitation Method without Solvent Removal, Based on a Quality by Design (QbD) Approach. <i>Pharmaceutics</i> , 2019, 11, 688.	4.5	31
40	Development of PLGA micro- and nanorods with high capacity of surface ligand conjugation for enhanced targeted delivery. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019, 14, 86-94.	9.1	40
41	Therapeutic switching of sulpiride, an anti-psychotic and prokinetic drug, to an anti-colitic drug using colon-specific drug delivery. <i>Drug Delivery and Translational Research</i> , 2019, 9, 334-343.	5.8	11
42	pH-triggered surface charge-reversal nanoparticles alleviate experimental murine colitis via selective accumulation in inflamed colon regions. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 823-834.	3.3	45
43	In vitro and in vivo evaluation of MHY908-loaded nanostructured lipid carriers for the topical treatment of hyperpigmentation. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 457-465.	3.0	4
44	S-Nitrosoglutathione loaded poly(lactic-co-glycolic acid) microparticles for prolonged nitric oxide release and enhanced healing of methicillin-resistant <i>Staphylococcus aureus</i> -infected wounds. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 94-102.	4.3	33
45	Colon-targeted dexamethasone microcrystals with pH-sensitive chitosan/alginate/Eudragit S multilayers for the treatment of inflammatory bowel disease. <i>Carbohydrate Polymers</i> , 2018, 198, 434-442.	10.2	62
46	Minoxidil Induction of VEGF Is Mediated by Inhibition of HIF-Prolyl Hydroxylase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 53.	4.1	34
47	Colon-targeted delivery of cyclosporine A using dual-functional Eudragit [®] FS30D/PLGA nanoparticles ameliorates murine experimental colitis. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1225-1240.	6.7	76
48	Is it worth expending energy to convert biliverdin into bilirubin?. <i>Free Radical Biology and Medicine</i> , 2018, 124, 232-240.	2.9	22
49	Crystal structure of peroxiredoxin 3 from <i>Vibrio vulnificus</i> and its implications for scavenging peroxides and nitric oxide. <i>IUCr</i> , 2018, 5, 82-92.	2.2	10
50	A three-dimensional assemblage of gingiva-derived mesenchymal stem cells and NO-releasing microspheres for improved differentiation. <i>International Journal of Pharmaceutics</i> , 2017, 520, 163-172.	5.2	16
51	The In Vitro and In Vivo Anti-Inflammatory Effects of a Phthalimide PPAR- γ Agonist. <i>Marine Drugs</i> , 2017, 15, 7.	4.6	37
52	Conjugation of metronidazole with dextran: a potential pharmaceutical strategy to control colonic distribution of the anti-amebic drug susceptible to metabolism by colonic microbes. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 419-429.	4.3	12
53	Hormone Therapy and Delivery Strategies against Cardiovascular Diseases. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 285-302.	1.6	2
54	Increased therapeutic efficacy of a newly synthesized tyrosinase inhibitor by solid lipid nanoparticles in the topical treatment of hyperpigmentation. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3947-3957.	4.3	19

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55	Probiotic delivery systems: a brief overview. <i>Journal of Pharmaceutical Investigation</i> , 2016, 46, 377-386.	5.3	36
56	Herceptin-functionalized pure paclitaxel nanocrystals for enhanced delivery to HER2-positive breast cancer cells. <i>International Journal of Pharmaceutics</i> , 2016, 513, 543-553.	5.2	31
57	Dextran-5-(4-ethoxycarbonylphenylazo)salicylic acid ester, a polymeric colon-specific prodrug releasing 5-aminosalicylic acid and benzocaine, ameliorates TNBS-induced rat colitis. <i>Journal of Drug Targeting</i> , 2016, 24, 468-474.	4.4	8
58	Intraocular Pharmacokinetics of Povidone-Iodine and Its Effects on Experimental <i>Staphylococcus epidermidis</i> Endophthalmitis. , 2015, 56, 6694.		17
59	Enhanced therapeutic efficacy of budesonide in experimental colitis with enzyme/pH dual-sensitive polymeric nanoparticles. <i>International Journal of Nanomedicine</i> , 2015, 10, 4565.	6.7	15
60	Design of a gelatin microparticle-containing self-microemulsifying formulation for enhanced oral bioavailability of dutasteride. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3231.	4.3	8
61	Design, synthesis, and anti-melanogenic effects of (E)-2-benzoyl-3-(substituted phenyl)acrylonitriles. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4259.	4.3	10
62	Evaluation of glycine-bearing celecoxib derivatives as a colon-specific mutual prodrug acting on nuclear factor- κ B, an anti-inflammatory target. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4227.	4.3	3
63	Improving dissolution and oral bioavailability of pranlukast hemihydrate by particle surface modification with surfactants and homogenization. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3257.	4.3	2
64	Colon-targeted delivery of piceatannol enhances anti-colitic effects of the natural product: potential molecular mechanisms for therapeutic enhancement. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4247.	4.3	7
65	Nitric oxide-releasing poly(lactic-co-glycolic acid)-polyethylenimine nanoparticles for prolonged nitric oxide release, antibacterial efficacy, and <i>in vivo</i> wound healing activity. <i>International Journal of Nanomedicine</i> , 2015, 10, 3065.	6.7	104
66	Development of megestrol acetate solid dispersion nanoparticles for enhanced oral delivery by using a supercritical antisolvent process. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4269.	4.3	16
67	Celecoxib coupled to dextran via a glutamic acid linker yields a polymeric prodrug suitable for colonic delivery. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4105.	4.3	6
68	Colon-targeted delivery of budesonide using dual pH- and time-dependent polymeric nanoparticles for colitis therapy. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3789.	4.3	45
69	(E)-2-Cyano-3-(substituted phenyl)acrylamide analogs as potent inhibitors of tyrosinase: A linear β -phenyl- α,β -unsaturated carbonyl scaffold. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7728-7734.	3.0	26
70	Nitric oxide-releasing chitosan film for enhanced antibacterial and <i>in vivo</i> wound-healing efficacy. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 217-225.	7.5	88
71	Dexamethasone phosphate-loaded folate-conjugated polymeric nanoparticles for selective delivery to activated macrophages and suppression of inflammatory responses. <i>Macromolecular Research</i> , 2015, 23, 485-492.	2.4	33
72	Phospho sulfonic acid: an efficient and recyclable solid acid catalyst for the solvent-free synthesis of α -hydroxyphosphonates and their anticancer properties. <i>New Journal of Chemistry</i> , 2015, 39, 3916-3922.	2.8	32

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73	Periplasmic disulfide isomerase DsbC is involved in the reduction of copper binding protein CueP from <i>Salmonella enterica</i> serovar Typhimurium. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 971-976.	2.1	12
74	Synthesis of 2-amino-3-cyano-4H-chromen-4-ylphosphonates and their anticancer properties. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 61-66.	5.5	40
75	Hyperbranched aliphatic polyether esters by ring-opening polymerization of epoxidized 2-hydroxyethyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1643-1651.	2.3	4
76	Enzyme/pH dual sensitive polymeric nanoparticles for targeted drug delivery to the inflamed colon. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 271-278.	5.0	70
77	Size-controlled biodegradable nanoparticles: Preparation and size-dependent cellular uptake and tumor cell growth inhibition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 545-551.	5.0	100
78	Antimicrobial Mechanisms of Nitric Oxide and Strategies for Developing Nitric Oxide-based Antimicrobial Agents. <i>Korean Journal of Microbiology</i> , 2014, 50, 87-94.	0.2	0
79	Particle shape enhances specificity of antibody-displaying nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 3270-3275.	7.1	456
80	Recent advances in PLGA particulate systems for drug delivery. <i>Journal of Pharmaceutical Investigation</i> , 2012, 42, 155-163.	5.3	42
81	Toward improved selectivity of targeted delivery: The potential of magnetic nanoparticles. <i>Archives of Pharmacal Research</i> , 2012, 35, 1-2.	6.3	9
82	Bio-inspired, bioengineered and biomimetic drug delivery carriers. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 521-535.	46.4	1,038
83	Adaptive micro and nanoparticles: Temporal control over carrier properties to facilitate drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2011, 63, 1247-1256.	13.7	226
84	Designing micro- and nano-particles for treating rheumatoid arthritis. <i>Archives of Pharmacal Research</i> , 2011, 34, 1887-1897.	6.3	74
85	pH-sensitive Eudragit nanoparticles for mucosal drug delivery. <i>International Journal of Pharmaceutics</i> , 2011, 403, 262-267.	5.2	131
86	Characterization of nitric oxide-releasing microparticles for the mucosal delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 92A, 1233-1243.	4.0	26
87	Factors that Control the Circulation Time of Nanoparticles in Blood: Challenges, Solutions and Future Prospects. <i>Current Pharmaceutical Design</i> , 2010, 16, 2298-2307.	1.9	451
88	Endocytosis and Intracellular Distribution of PLGA Particles in Endothelial Cells: Effect of Particle Geometry. <i>Macromolecular Rapid Communications</i> , 2010, 31, 142-148.	3.9	96
89	Pharmacological activity and protein phosphorylation caused by nitric oxide-releasing microparticles. <i>Biomaterials</i> , 2010, 31, 552-558.	11.4	24
90	Polymer particles that switch shape in response to a stimulus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11205-11210.	7.1	225

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91	In vivo evaluation of vaginal films for mucosal delivery of nitric oxide. <i>Biomaterials</i> , 2009, 30, 3978-3985.	11.4	49
92	Assessment of diffusion coefficient from mucoadhesive barrier devices using artificial neural networks. <i>International Journal of Pharmaceutics</i> , 2008, 351, 119-126.	5.2	17
93	ICAM-1 expression in vaginal cells as a potential biomarker for inflammatory response. <i>Biomarkers</i> , 2008, 13, 257-269.	1.9	6
94	Synthesis of Amphiphilic Miktoarm Star Copolymers of Poly(n-hexyl isocyanate) and Poly(ethylene Terephthalate). <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , 2008, 46, 1026-1036.	4.8	26
95	The physicochemical properties of mucoadhesive polymeric films developed as female controlled drug delivery system. <i>International Journal of Pharmaceutics</i> , 2006, 309, 139-145.	5.2	98
96	Drug delivery systems for hormone therapy. <i>Journal of Controlled Release</i> , 2006, 112, 1-14.	9.9	60
97	Transport of anti-allergic drugs across the passage cultured human nasal epithelial cell monolayer. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 26, 203-210.	4.0	37
98	Air-Liquid Interface Culture of Serially Passaged Human Nasal Epithelial Cell Monolayer for In Vitro Drug Transport Studies. <i>Drug Delivery</i> , 2005, 12, 305-311.	5.7	75
99	Serially passaged human nasal epithelial cell monolayer for in vitro drug transport studies. <i>Pharmaceutical Research</i> , 2003, 20, 1690-1696.	3.5	52